

# Work Order ID 64251

Tuesday, November 30, 2010 4:06:44 PM

Page 1

Item ID: D350-607-441

Accept

Revision ID:

Item Name: Heli-Utility-Basket

Start Date: 11/30/2010 Start Qty: 1.00

Required Date: 12/10/2010 Req'd Qty: 1.00

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run

Start

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D350-607-2	C

100



DC

Document Control

DOCUMENT CONTROL

0.00

Memo

0.00

Photocopy bluefile & type labels per PPPD350-607-441 CH0002

CH0002 Sublot 7

110



Packaging

Packaging

Pick Kit

0.00

Memo

0.00

120



QC

Quality Control

QC4- 100% Inspect kits for completeness

0.00

Memo

0.00

Sublot 7

PTO →  
OK for BGR 11/01/03

11/13/10

70

W/O: 64251		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
11/01/06	#100	ADD to <del>Part List</del> <sup>w/o</sup> + Bom to P/c 0879535-01 hable Plate ADDITION . ADD copy of update Bom for Ref.	AA	11.01.10			S 11/01/06
	#	update chg# to correct change + PPP.					S 11/01/06

Part No: D350-607 441 PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 64251**

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Item ID: D350-607-441

Accept

Setup Start

Revision ID:

Stop

Item Name: Heli-Utility-Basket

Start Date: 11/30/2010 Start Qty: 1.00

Cust Item ID:

Required Date: 12/10/2010 Req'd Qty: 1.00

Customer:



Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 	Pick Kit	0.00							
Packaging	Memo	0.00							
Packaging	Package as per PPPD350-607-441								
140 	QC21- Final Inspection - Work Order Release	0.00							
QC	Memo	0.00							
Quality Control									

11/1/35p

X 11/01/07  
mf  
11-01-07

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Tuesday, November 30, 2010 4:06:48 PM

Page 1

Work Order ID: 64251

Parent Item: D350-607-441

Parent Item Name: Hel Utility-Basket



Start Date: 11/30/2010

Required Date: 12/10/2010

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A NEW ISSUE 10-04-05 JLM VERIFIED BY:DD IPP Rev:B  
as per ecn 10-552 DD 10.04.19 verified by:EC IPP Rev:C as per ecn 10-  
596 DD 10.08.26 verf by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D4086-210 		Manufactured	No			110	Each	4.0000	1	1			
Placard, Max Load													

Location Loc Qty Loc Code

ST117 4  
58926 4

D350-607-411 		Manufactured	No			110	Each	1.0000	1	1			
Quick Release Basket Mounting Installation													

Location Loc Qty Loc Code

PKG 1  
63801 1

D3911-041 		Manufactured	No			110	Each	6.0000	1	1			
Basket Installation Stud Assembly, Lower													

Location Loc Qty Loc Code

st507 6  
59206 6

D3911-043 		Manufactured	No			110	Each	6.0000	1	1			
Aft Eyebolt Receiver Assembly													

Location Loc Qty Loc Code

st507 6  
59207 6

Add D51 9535-011 x 1 B 64866  
10-12-21  
11/1/10

PA-1

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Tuesday, November 30, 2010 4:06:49 PM

Page 2

Work Order ID: 64251

Parent Item: D350-607-441

Parent Item Name: Jeli-Utility-Basket



Start Date: 11/30/2010

Required Date: 12/10/2010

Start Qty: 1.00

Required Qty: 1.00

D3912-041

Manufactured No

110

Each

5.0000

1



Eyebolt Receiver Assembly

Location

Loc Qty

Loc Code

ST096

5

61783

5

D4030-041

Manufactured No

110

Each

0.0000

1



Long Basket Assembly (350)

D4085-1

Manufactured No

110

Each

4.0000

1



Placard, Instructions

Location

Loc Qty

Loc Code

ENG

4

57475

4

AN4-13A

Purchased No

110

Each

632.0000

6



Bolt

Location

Loc Qty

Loc Code

ST357

632

115159

8

115936

124

116191

500

B64954 11/1/09

64202 11/15/07

B64304 11/1/09

6 11/1/09

6

Tuesday, November 30, 2010 4:06:49 PM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

Tuesday, November 30, 2010 4:06:49 PM

Page 3

Work Order ID: 64251

Parent Item: D350-607-441

Parent Item Name: Heli-Utility-Basket



Start Date: 11/30/2010

Required Date: 12/10/2010

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

110

Each

5,217.000

6



Nut

Location

Loc Qty

Loc Code

ST300

5217

1123143

2

115589

615

115621

1100

116188

3500



6  
11/1/3sf

NAS1149F0432P

Purchased

No

110

Each

250.0000

12



Washer

Location

Loc Qty

Loc Code

ST275

250

112940

92

114405

1

114576

10

114718

2

116169

145



12  
11/1/3sf

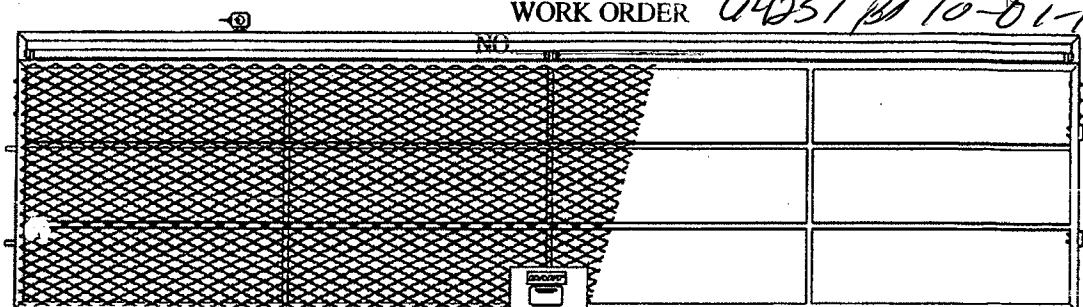
12

DART AEROSPACE LTD.

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER

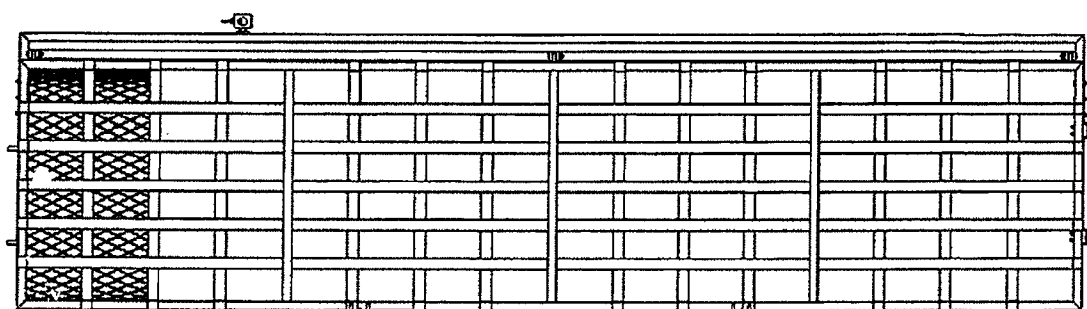
D350-607  
Page 6 of 11

64251 P/10-01-12



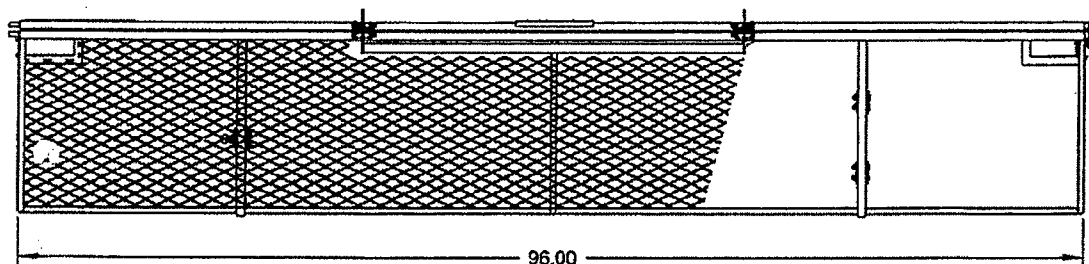
FWD

D350-607-441 BASKET  
(STANDARD LID)

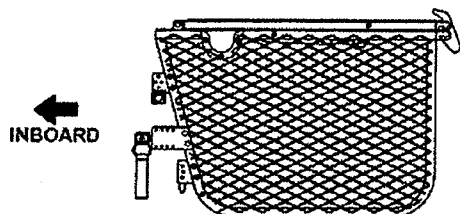


FWD

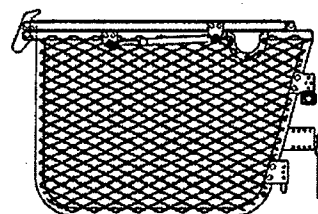
D350-607-443 BASKET  
(LIGHT LID)



D350-607-441/443 BASKETS



D350-607-441/443 BASKETS  
(FWD VIEW)

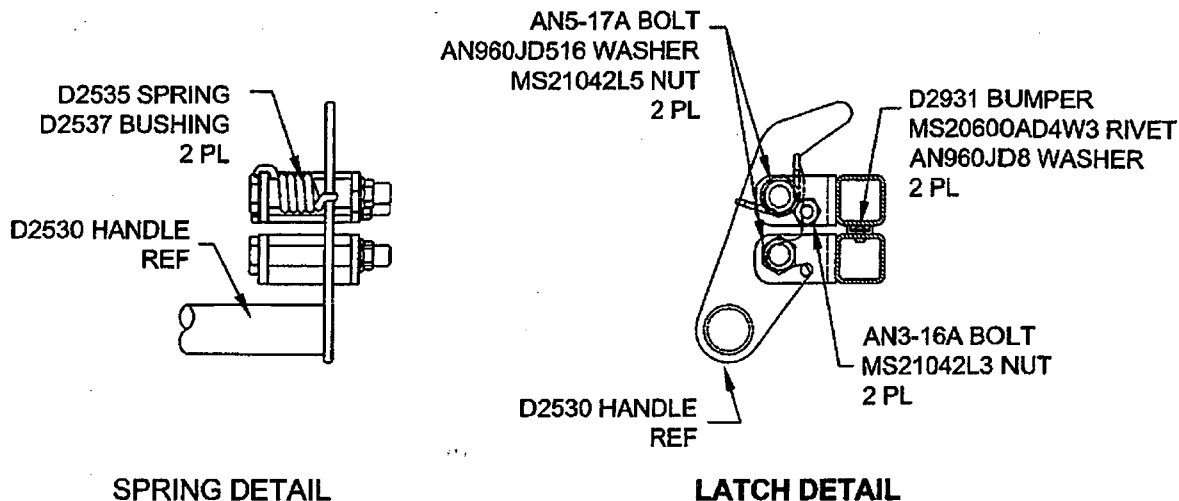


D350-607-441/443 BASKETS  
(AFT VIEW)

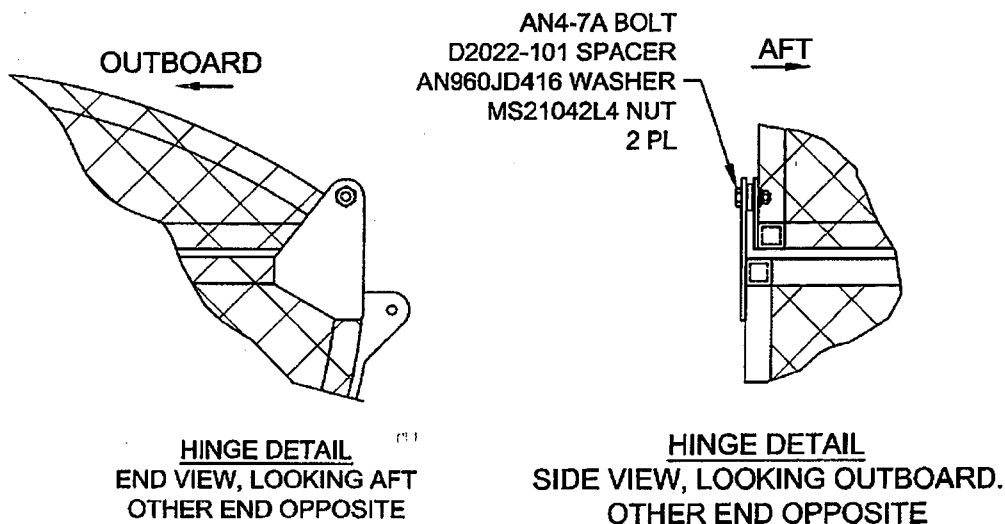
**Figure 2: D350-607-441/443 Baskets**  
LH INSTALLATION SHOWN, RH OPPOSITE

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Revision: **H**  
Date: 10.06.28



**DETAIL J:  
HANDLE WELDMENT**



**DETAIL H:  
HINGE**

**Figure 7 – Basket Replacement Parts**

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Revision: **A**  
Date: 10.03.10

## 4.0 WEIGHT AND BALANCE

REFERENCE ONLY

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-607-441 (Standard Basket)	78.0 lb 35.4 kg	± 47.8 in ± 1.21 m	± 3728 in-lb ± 42.8 m-kg	135 in 3.43 m	10530 in-lb 121.4 m-kg
D350-607-443 (Lightweight Basket)	63.0 lb 28.6 kg	± 47.8 in ± 1.21 m	± 3011 in-lb ± 34.6 m-kg	135 in 3.43 m	8505 in-lb 98.1 m-kg
D350-607-445 (Standard Basket)	56.0 lb 25.4 kg	± 47.8 in ± 1.21 m	± 2677 in-lb ± 30.7 m-kg	135 in 3.43 m	7560 in-lb 87.1 m-kg
D350-607-447 (Lightweight Basket)	45.0 lb 20.4 kg	± 47.8 in ± 1.21 m	± 2151 in-lb ± 24.7 m-kg	135 in 3.43 m	6075 in-lb 70.0 m-kg
D350-607-411 (Quick Release Basket Mounting Kit)	5.9 lb 2.7 kg	± 36.5 in ± 0.93 m	± 215 in-lb ± 2.5 m-kg	135 in 3.43 m	796 in-lb 9.3 m-kg

## 5.0 PARTS LIST

QTY -441	QTY -443	QTY -445	QTY -447	QTY -411	QTY -401	PART NUMBER	DESCRIPTION
X						D350-607-441	HELI-UTILITY-BASKET
	X					D350-607-443	HELI-UTILITY-BASKET
		X				D350-607-445	HELI-UTILITY-BASKET
			X			D350-607-447	HELI-UTILITY-BASKET
1	1	1	1	X		D350-607-411	QUICK RELEASE BASKET MOUNTING KIT
					X	D350-607-401	CONVERSION KIT
				1	1	D3908-041	AFT X-TUBE LUG ASSY
				1	1	D3909-041	FWD X-TUBE LUG ASSY
				4	4	D3910-3	X-TUBE LUG
1	1	1	1		1	D3911-041	BASKET INSTL STUD ASSY (LOWER)
1	1	1	1		1	D3911-043	AFT EYEBOLT RECEIVER ASSY
1	1	1	1		1	D3912-041	EYEBOLT RECEIVER ASSY
				8	8	D3984-030	RUBBER EXTRUSION, X- TUBE
1						D4030-041	LONG BASKET ASSY
	1					D4030-043	LONG BASKET ASSY, LIGHTWEIGHT
		1				D4032-041	SHORT BASKET ASSY
			1			D4032-043	SHORT BASKET ASSY, LIGHTWEIGHT
1	1	1	1		1	D4085-1	PLACARD-INSTRUCTIONS
1					1	D4086-210	PLACARD, MAX LOAD
	1				1	D4086-220	PLACARD, MAX LOAD
		1			1	D4086-232	PLACARD, MAX LOAD
			1		1	D4086-243	PLACARD, MAX LOAD
6	6	6	6		6	AN4-13A	BOLT
				16	16	AN4-14A	BOLT
6	6	6	6	16	22	MS21042L4	NUT (OR MS21042-4)
12	12	12	12	32	44	NAS1149F0432P	WASHER

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Revision: C  
Date: 10.07.26

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-607-2 REV. C,  
INSTALLATION INSTRUCTIONS D350-607-3 REV. A AND  
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS REV. 3

REF TCCA STC SH94-14  
REF FAA STC SR00213NY  
REF EASA STC EASA.IM.R.S.01405

REFERENCE ONLY

## 1.0 PUPOSE

IT HAS COME TO DART'S ATTENTION THAT THE D4086-XXX PLACARD AND D2728-3 LABEL PEEL OFF FROM D3914-041 AND D4018-041 BASKET LIDS IN SERVICE. THIS HAS BEEN ADDRESSED FOR D350-607-441/-445/-541/-545 BASKETS AT CHG 003. CUSTOMERS WITH EARLIER CHANGE NUMBER BASKETS CAN PROCURE DSI-9535-01X KIT FROM DART PER SECTION 3.0 PARTS LIST OF THIS SERVICE INSTRUCTION AND INSTALL PER THE INSTRUCTIONS BELOW.

## 2.0 INSTRUCTIONS

- 2.0.1 LOCATE D4289-041 ON EXISTING LABEL PLATE PER FIGURE 1 OF THIS SERVICE INSTRUCTION.  
2.0.2 DRILL QTY(4) Ø0.129" HOLES THRU D4289-041, EXISTING LABEL PLATE AND LID STRUCTURE. DEBURR. ENSURE MINIMUM EDGE DISTANCE OF 0.192". ENSURE HOLES DO NOT ALIGN WITH LID MESH. IF REQUIRED, LOCATE THE HOLE FURTHER AWAY FROM D4289-041 EDGES TO AVOID DRILLING THROUGH LID MESH.  
2.0.3 INSTALL D4289-041 ON EXISTING LABEL PLATE BY APPLYING A THIN LAYER OF PROSEAL 890 BETWEEN THE MATING SURFACES AND SECURE D4289-041 USING CR3213-4-0X RIVETS AS SHOWN IN FIGURE 1 OF THIS SERVICE INSTRUCTION.  
2.0.4 INSTALL NEW D4086-XXX PLACARD ON D4289-041 LABEL PLATE PER FIGURE 1 OF THIS SERVICE INSTRUCTION.

## 3.0 PARTS LIST

QTY -011	QTY -013	QTY -015	QTY -017	PART NUMBER	DESCRIPTION
X				DSI-9535-011	LABEL PLATE KIT, FOR -441 BASKET
	X			DSI-9535-013	LABEL PLATE KIT, FOR -445 BASKET
		X		DSI-9535-015	LABEL PLATE KIT, FOR -541 BASKET
			X	DSI-9535-017	LABEL PLATE KIT, FOR -545 BASKET
		1		D4086-200	PLACARD, MAX LOAD
1				D4086-210	PLACARD, MAX LOAD
			1	D4086-220	PLACARD, MAX LOAD
	1			D4086-232	PLACARD, MAX LOAD
1	1	1	1	D4289-041	LABEL PLATE
2	2	2	2	CR3213-4-02	RIVET
2	2	2	2	CR3213-4-03	RIVET

## 4.0 WEIGHT AND BALANCE

THERE IS A NEGLIGIBLE WEIGHT CHANGE ASSOCIATED WITH THE INSTALLATION OF DSI-9535-01X.

## 5.0 MAINTENANCE





MAINTAIN PER ICA-D350-607.

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY:   
D. SHEPHERD (DE # 02)

DATE: NOV. 01, 2010  
CERT. NO.: SH94-14  
ISSUE NO.: 5

A	NEW ISSUE	MB	10.11.01
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9535	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		LABEL PLATE ADDITION	NTS
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